

**State of Illinois
Department of Central Management Services
Bureau of Personnel
Springfield, Illinois 62706**

Supplementary Examination Announcement

CHEMIST I - 06941

Monthly Salary Range: \$3009 - \$4385

General Duties: A Chemist I, under direct supervision, performs professional level chemistry work in a State laboratory; operates various laboratory equipment such as atomic absorption, ultra-violet and visible light spectrophotometers to test feed and fertilizer formulation samples; tests and analyzes water samples for biological oxygen demand (BOD), dissolved oxygen, residual chlorine, turbidity, conductivity, pH, nitrates, iron, phosphates, magnesium, calcium hardness, etc.; tests for the presence of extraneous matter, such as rodent hairs and bird filth, in various foods and manufactured/processed products; performs tests on cheese to determine percentage of fat and moisture present, inadequate pasteurization and inadequate refrigeration; uses related laboratory equipment to test coal mine rock dust samples for presence of carbon dioxide, ash and total moisture; reports test results to supervisor, re-tests if necessary and may release test results after receiving appropriate approval.

The requirements for a minimal passing grade are as follows:

Training and Experience: Completion of four years of college, including 32 semester hours in chemistry from a recognized college or university.

A higher grade may be obtained for this title if:

- 1) Required education was earned within 5 years of the date graded; OR
- 2) Required education was earned over 5 years from the date graded and applicant lists sufficient related experience demonstrating currency in the field.

Tests and Weights: Training and experience 100%.

Length of Eligibility Period: One year.

Counties in which Positions are Established: Champaign, Clinton, Cook, Franklin, Sangamon.

Counties listed include all counties in which positions have been established, and does not represent immediate openings. This listing is based on information currently available and is subject to change.

YOU NEED NOT APPEAR AT A TEST CENTER FOR THIS EXAMINATION.

Send a completed application (CMS-100) to the Department of Central Management Services, Bureau of Personnel, Room 500, Stratton Office Building, Springfield, Illinois 62706. Your training and experience will be evaluated from your application.

AN EQUAL OPPORTUNITY EMPLOYER

10-1-92 G + TX
2-16-90 (RC-062-16) Salary 1-1-06
Counties Updated 3-25-02,
Grade Statement Added 5-03-02